

AMENDMENTS TO THE ABSTRACT

Please substitute the following paragraph for the abstract now appearing in the currently filed specification:

The present invention provides a system for controlling one or more operating units in an inductive power transfer (IPT) system. Each operating unit includes a pick-up coil that takes power from a primary conductor or track over an air gap. The operating unit is controlled by frequency modulating the primary conductor power supply to send a control instruction which is decoded by the operating unit. The instruction is decoded by generating a signal using a local oscillator in the operating unit and using the signal to detect changes in the frequency of the current in the primary conductor. Such a system can be used, for example, to control inductively powered road-studs that include a light source for controlling traffic on a roadway. A narrow band modulated data transmission system and method for controlling an operating unit are also provided.